



**Specs:14 3/4" WS519GSV(374.65mm)**

**IADC:S323**

**ID:WFN375S19501A**



#### Design character:

■ These back redressings at the base of gauge avoid difficult of pulling PDC bits out of hole in unconsolidated formation, and trim

■ Spiral blades increase contact area between PDC bit and well wall to keep drilling stably, to prolong lifespan of PDC bits

■ Placement of stability cutters let PDC bits have good stability in drilling in abrasive formation, have longer life time. Then cost of drilling will be lower accordingly.

■ Suit for well drilling in low compressive strength, even texture soft-medium rock formation. Such as wake shale, density marlstone, strong batt, wake sandstone, limestone, and soft gravel, etc.

Specialized for soft /medium formation oil/gas well,show us excellent drilling speed &life-span of using .

### Specifications:

Blade Qty	5
Total Cutters	66
Primary Cutter Size	19.05mm
Assistant Cutter Size	Non
Gauge Cutter Size	13.44mm
anti-quake ball size	11
Nozzle Qty.	7
Crown length	207.8mm
Gauge length	69mm
Connetion Size	7 5/8REG
Make-up Torque	46.1—54.2kN·m
Assembly groove wID:th	200mm
Bit Weight	132.9kg

### Operating Parameters:

Rotary speed	60-220RPM
Flow rate	60-90L/S
Weigh on bit	40-160KN